

Patent Abstracts of Japan

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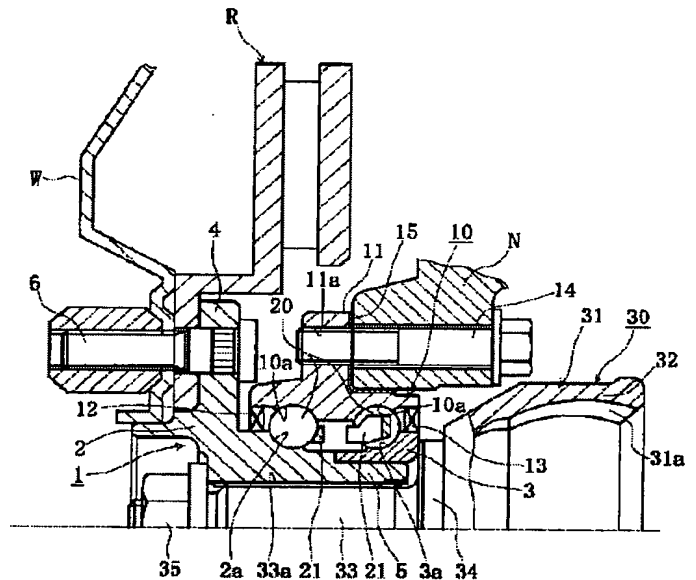
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APPLICANT : NTN CORP;

INVENTOR : TSUJIMOTO SHOICHI;

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TITLE : BEARING SYSTEM FOR WHEEL



ABSTRACT : PROBLEM TO BE SOLVED: To provide a bearing system for a wheel to install on a knuckle made of an aluminum alloy for weight reduction devised to prevent anodic corrosion at a low cost.

SOLUTION: This bearing system for the wheel is furnished with an inward member 1, an outward member 10 and rolling elements 20, 20 in double rows. The inward member 1 is made of a hub ring 2 and an inner ring 3 of a separate body, has a wheel mounting flange 4 to mount the wheel W on its one end and pressure fits the inner ring 3 by forming a small diametrical step part 5 on the other end part. A sheet 15 a surface of which is made of an insulating member is interposed on a contact surface of the knuckle N and the outward member 10, that is, an end surface of the knuckle N and a side surface of a car body mounting flange 11 and an inner diametrical surface of the knuckle N and an outer diametrical surface of the outward member 10, the anodic corrosion of the outward member 10 is prevented, and it restrains intrusion of dust, rain water, etc., through the contact surface.

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